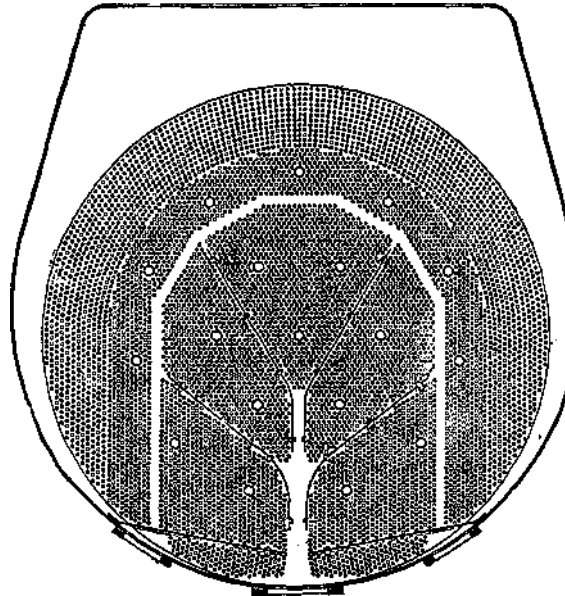
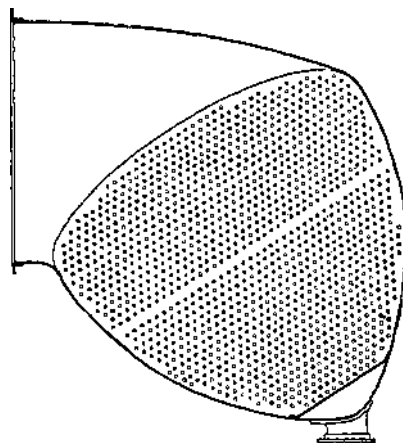


heart-shaped or triangular cross-section, but the circular shape is not so costly to manufacture, and it is more easily stayed against the collapsing



pressure of the atmosphere than the other



ing Baffles
shapes

mentioned.

The illustration in fig. 7 represents the arrangement of tubes and baffles adopted in the circular condenser by the Contraflo Condenser and Kinetic Air-pump Co., Ltd. In order to reduce the resistance to the flow of the steam to the lowest value, the exhaust steam is allowed to have access to the tubes round the greater

portion of the circumference. To prevent short-circuiting and stagnation, Daffles are introduced, is shown, which are arranged to reduce the cross-sectional area available for the flow of the iteam and air gradually towards the air-pump suction. It is also claimed hat the baffles ;risure the highest >ossible tempera- >f condensation by llowing it to drain >ff to the bottom 'f the condenser, nstead of dripping ver all the lower tabes. The water f condensation is withdrawn at the entral connection t the bottom of ~ie Condenser, While Tube Plate Diagrams ae air and remain- **ig** vapour passes underneath the lowest baffle across the devaporizing ibes to the side outlets under this baffle.

Fig. 8 —

Fig. 8 shows representative tube-plate diagrams of the "Uniflux"